

B  
hPTH 1-9 <sup>Seq. I.D. No. 2</sup>

NH<sub>2</sub>-Ser<sup>1</sup>-Val<sup>2</sup>-Ser<sup>3</sup>-Glu<sup>4</sup>-Ile<sup>5</sup>-Gln<sup>6</sup>-Leu<sup>7</sup>-Met<sup>8</sup>-His<sup>9</sup>-OH (2)

B  
hPTH 1-8 <sup>Seq. I.D. No. 3</sup>

NH<sub>2</sub>-Ser<sup>1</sup>-Val<sup>2</sup>-Ser<sup>3</sup>-Glu<sup>4</sup>-Ile<sup>5</sup>-Gln<sup>6</sup>-Leu<sup>7</sup>-Met<sup>8</sup>-OH (3)

B  
hPTH 1-7 <sup>Seq. I.D. No. 4</sup>

NH<sub>2</sub>-Ser<sup>1</sup>-Val<sup>2</sup>-Ser<sup>3</sup>-Glu<sup>4</sup>-Ile<sup>5</sup>-Gln<sup>6</sup>-Leu<sup>7</sup>-OH (4)

B  
hPTH 1-6 <sup>Seq. I.D. No. 5</sup>

NH<sub>2</sub>-Ser<sup>1</sup>-Val<sup>2</sup>-Ser<sup>3</sup>-Glu<sup>4</sup>-Ile<sup>5</sup>-Gln<sup>6</sup>-OH (5)

B  
hPTH 1-5 <sup>Seq. I.D. No. 6</sup>

NH<sub>2</sub>-Ser<sup>1</sup>-Val<sup>2</sup>-Ser<sup>3</sup>-Glu<sup>4</sup>-Ile<sup>5</sup>-OH (6)

B  
hPTH 9-18 <sup>Seq. I.D. No. 7</sup>

NH<sub>2</sub>-His<sup>9</sup>-Asn<sup>10</sup>-Leu<sup>11</sup>-Gly<sup>12</sup>-Lys<sup>13</sup>-His<sup>14</sup>-Leu<sup>15</sup>-Asn<sup>16</sup>-Ser<sup>17</sup>-Met<sup>18</sup>-OH (7)

B  
hPTH 10-18 <sup>Seq. I.D. No. 8</sup>

NH<sub>2</sub>-Asn<sup>10</sup>-Leu<sup>11</sup>-Gly<sup>12</sup>-Lys<sup>13</sup>-His<sup>14</sup>-Leu<sup>15</sup>-Asn<sup>16</sup>-Ser<sup>17</sup>-Met<sup>18</sup>-OH (8)

B  
hPTH 11-18 <sup>Seq. I.D. No. 9</sup>

NH<sub>2</sub>-Leu<sup>11</sup>-Gly<sup>12</sup>-Lys<sup>13</sup>-His<sup>14</sup>-Leu<sup>15</sup>-Asn<sup>16</sup>-Ser<sup>17</sup>-Met<sup>18</sup>-OH (9)

B  
hPTH 12-18 <sup>Seq. I.D. No. 10</sup>

NH<sub>2</sub>-Gly<sup>12</sup>-Lys<sup>13</sup>-His<sup>14</sup>-Leu<sup>15</sup>-Asn<sup>16</sup>-Ser<sup>17</sup>-Met<sup>18</sup>-OH (10)

B  
hPTH 13-18 <sup>Seq. I.D. No. 11</sup>

NH<sub>2</sub>-Lys<sup>13</sup>-His<sup>14</sup>-Leu<sup>15</sup>-Asn<sup>16</sup>-Ser<sup>17</sup>-Met<sup>18</sup>-OH (11)

B  
hPTH 14-18 <sup>Seq. I.D. No. 12</sup>

NH<sub>2</sub>-His<sup>14</sup>-Leu<sup>15</sup>-Asn<sup>16</sup>-Ser<sup>17</sup>-Met<sup>18</sup>-OH (12)

B  
hPTH 9-17 <sup>Seq. I.D. No. 13</sup>

NH<sub>2</sub>-His<sup>9</sup>-Asn<sup>10</sup>-Leu<sup>11</sup>-Gly<sup>12</sup>-Lys<sup>13</sup>-His<sup>14</sup>-Leu<sup>15</sup>-Asn<sup>16</sup>-Ser<sup>17</sup>-OH (13)

B  
hPTH 9-16 <sup>Seq. I.D. No. 14</sup>

NH<sub>2</sub>-His<sup>9</sup>-Asn<sup>10</sup>-Leu<sup>11</sup>-Gly<sup>12</sup>-Lys<sup>13</sup>-His<sup>14</sup>-Leu<sup>15</sup>-Asn<sup>16</sup>-OH (14)

B  
hPTH 9-15, *Seq. I.D. No. 15*  
NH<sub>2</sub>-His<sup>9</sup>-Asn<sup>10</sup>-Leu<sup>11</sup>-Gly<sup>12</sup>-Lys<sup>13</sup>-His<sup>14</sup>-Leu<sup>15</sup>-OH (15)

B  
hPTH 9-14, *Seq. I.D. No. 16*  
NH<sub>2</sub>-His<sup>9</sup>-Asn<sup>10</sup>-Leu<sup>11</sup>-Gly<sup>12</sup>-Lys<sup>13</sup>-His<sup>14</sup>-OH (16)

B  
hPTH 9-13, *Seq. I.D. No. 17*  
NH<sub>2</sub>-His<sup>9</sup>-Asn<sup>10</sup>-Leu<sup>11</sup>-Gly<sup>12</sup>-Lys<sup>13</sup>-OH (17)

B  
hPTH 24-37, *Seq. I.D. No. 18*  
NH<sub>2</sub>-Leu<sup>24</sup>-Arg<sup>25</sup>-Lys<sup>26</sup>-Lys<sup>27</sup>-Leu<sup>28</sup>-Gln<sup>29</sup>-Asp<sup>30</sup>-Val<sup>31</sup>-His<sup>32</sup>-Asn<sup>33</sup>-  
Phe<sup>34</sup>-Val<sup>35</sup>-Ala<sup>36</sup>-Leu<sup>37</sup>-OH (18)

B  
hPTH 25-37, *Seq. I.D. No. 19*  
NH<sub>2</sub>-Arg<sup>25</sup>-Lys<sup>26</sup>-Lys<sup>27</sup>-Leu<sup>28</sup>-Gln<sup>29</sup>-Asp<sup>30</sup>-Val<sup>31</sup>-His<sup>32</sup>-Asn<sup>33</sup>-  
Phe<sup>34</sup>-Val<sup>35</sup>-Ala<sup>36</sup>-Leu<sup>37</sup>-OH (19)

B  
hPTH 26-37, *Seq. I.D. No. 20*  
NH<sub>2</sub>-Lys<sup>26</sup>-Lys<sup>27</sup>-Leu<sup>28</sup>-Gln<sup>29</sup>-Asp<sup>30</sup>-Val<sup>31</sup>-His<sup>32</sup>-Asn<sup>33</sup>-  
Phe<sup>34</sup>-Val<sup>35</sup>-Ala<sup>36</sup>-Leu<sup>37</sup>-OH (20)

B  
hPTH 27-37, *Seq. I.D. No. 21*  
NH<sub>2</sub>-Lys<sup>27</sup>-Leu<sup>28</sup>-Gln<sup>29</sup>-Asp<sup>30</sup>-Val<sup>31</sup>-His<sup>32</sup>-Asn<sup>33</sup>-  
Phe<sup>34</sup>-Val<sup>35</sup>-Ala<sup>36</sup>-Leu<sup>37</sup>-OH (21)

B  
hPTH 28-37, *Seq. I.D. No. 22*  
NH<sub>2</sub>-Leu<sup>28</sup>-Gln<sup>29</sup>-Asp<sup>30</sup>-Val<sup>31</sup>-His<sup>32</sup>-Asn<sup>33</sup>-Phe<sup>34</sup>-Val<sup>35</sup>-Ala<sup>36</sup>-  
Leu<sup>37</sup>-OH (22)

B  
hPTH 29-37, *Seq. I.D. No. 23*  
NH<sub>2</sub>-Gln<sup>29</sup>-Asp<sup>30</sup>-Val<sup>31</sup>-His<sup>32</sup>-Asn<sup>33</sup>-Phe<sup>34</sup>-Val<sup>35</sup>-Ala<sup>36</sup>-Leu<sup>37</sup>-OH (23)

B  
hPTH 30-37, *Seq. I.D. No. 24*  
NH<sub>2</sub>-Asp<sup>30</sup>-Val<sup>31</sup>-His<sup>32</sup>-Asn<sup>33</sup>-Phe<sup>34</sup>-Val<sup>35</sup>-Ala<sup>36</sup>-Leu<sup>37</sup>-OH (24)

B  
hPTH 31-37, *Seq. I.D. No. 25*  
NH<sub>2</sub>-Val<sup>31</sup>-His<sup>32</sup>-Asn<sup>33</sup>-Phe<sup>34</sup>-Val<sup>35</sup>-Ala<sup>36</sup>-Leu<sup>37</sup>-OH (25)

DO NOT WRITE IN THESE SPACES

hPTH 32-37, *Seq. I.D. NO. 26*

$\text{NH}_2\text{-His}^{32}\text{-Asn}^{33}\text{-Phe}^{34}\text{-Val}^{35}\text{-Ala}^{36}\text{-Leu}^{37}\text{-OH}$

(26)

hPTH 33-37, *Seq. I.D. NO. 27*

$\text{NH}_2\text{-Asn}^{33}\text{-Phe}^{34}\text{-Val}^{35}\text{-Ala}^{36}\text{-Leu}^{37}\text{-OH}$

(27)

hPTH 24-36, *Seq. I.D. NO. 28*

$\text{NH}_2\text{-Leu}^{24}\text{-Arg}^{25}\text{-Lys}^{26}\text{-Lys}^{27}\text{-Leu}^{28}\text{-Gln}^{29}\text{-Asp}^{30}\text{-Val}^{31}\text{-His}^{32}\text{-Asn}^{33}\text{-Phe}^{34}\text{-Val}^{35}\text{-Ala}^{36}\text{-OH}$

(28)

hPTH 24-35, *Seq. I.D. NO. 29*

$\text{NH}_2\text{-Leu}^{24}\text{-Arg}^{25}\text{-Lys}^{26}\text{-Lys}^{27}\text{-Leu}^{28}\text{-Gln}^{29}\text{-Asp}^{30}\text{-Val}^{31}\text{-His}^{32}\text{-Asn}^{33}\text{-Phe}^{34}\text{-Val}^{35}\text{-OH}$

(29)

hPTH 24-34, *Seq. I.D. NO. 30*

$\text{NH}_2\text{-Leu}^{24}\text{-Arg}^{25}\text{-Lys}^{26}\text{-Lys}^{27}\text{-Leu}^{28}\text{-Gln}^{29}\text{-Asp}^{30}\text{-Val}^{31}\text{-His}^{32}\text{-Asn}^{33}\text{-Phe}^{34}\text{-OH}$

(30)

hPTH 24-33, *Seq. I.D. NO. 31*

$\text{NH}_2\text{-Leu}^{24}\text{-Arg}^{25}\text{-Lys}^{26}\text{-Lys}^{27}\text{-Leu}^{28}\text{-Gln}^{29}\text{-Asp}^{30}\text{-Val}^{31}\text{-His}^{32}\text{-Asn}^{33}\text{-OH}$

(31)

hPTH 24-32, *Seq. I.D. NO. 32*

$\text{NH}_2\text{-Leu}^{24}\text{-Arg}^{25}\text{-Lys}^{26}\text{-Lys}^{27}\text{-Leu}^{28}\text{-Gln}^{29}\text{-Asp}^{30}\text{-Val}^{31}\text{-His}^{32}\text{-OH}$

(32)

hPTH 24-31, *Seq. I.D. NO. 33*

$\text{NH}_2\text{-Leu}^{24}\text{-Arg}^{25}\text{-Lys}^{26}\text{-Lys}^{27}\text{-Leu}^{28}\text{-Gln}^{29}\text{-Asp}^{30}\text{-Val}^{31}\text{-OH}$

(33)

hPTH 24-29, *Seq. I.D. NO. 34*

$\text{NH}_2\text{-Leu}^{24}\text{-Arg}^{25}\text{-Lys}^{26}\text{-Lys}^{27}\text{-Leu}^{28}\text{-Gln}^{29}\text{-OH}$

(34)

hPTH 24-28, *Seq. I.D. NO. 36*

$\text{NH}_2\text{-Leu}^{24}\text{-Arg}^{25}\text{-Lys}^{26}\text{-Lys}^{27}\text{-Leu}^{28}\text{-OH}$

(35)